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#5/A
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D. Shonne
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allison Hubel

Examiner: Elli Peslev

Serial No.: 09/458,862

Group Art Unit: 1624

Filed: December 10, 1999

Docket: 600.451US1

Title: COMPOSITIONS AND METHODS FOR CRYOPRESERVATION OF
PERIPHERAL BLOOD LYMPHOCYTES

AMENDMENT

RECEIVED

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Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed on October 25, 2000, please amend the above-identified application as follows.

In the Claims

✓
Please cancel claims 13 and 25 without prejudice.

Please amend the following claims:

Sub 1
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1. (Amended) A cryopreservation medium for hematopoietic cells comprising a balanced electrolyte solution incorporating at least one cryoprotective agent that is arabinogalactan, or a biological or functional equivalent thereof, wherein the cryoprotective agent is present in an amount that results in a high survival rate for the cells, wherein the hematopoietic cells are freshly isolated lymphocytes, stem cells, lymphocytes which are modified ex vivo, or a combination thereof.

Sub 2
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14. A composition suitable for administration to a human, comprising a suspension of hematopoietic cells in a cryopreservation medium comprising a balanced electrolyte solution incorporating at least one cryoprotective agent that is arabinogalactan, or a biological or functional equivalent thereof, wherein the hematopoietic cells are freshly isolated lymphocytes, stem cells, lymphocytes which are modified ex vivo, or a combination thereof.

15. (Amended) A composition comprising a suspension of hematopoietic cells in a cryopreservation medium comprising a balanced electrolyte solution incorporating at least one cryoprotective agent that is arabinogalactan, or a biological or functional equivalent thereof,